

02/07/02  
JC879 U.S. PTO

Sughrue  
SUGHRUE MION, PLLC

J. Frank Osha  
T (202) 663-7915  
fosha@sughrue.com

2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213

T 202.293.7060  
F 202.293.7860

1010 El Camino Real  
Menlo Park, CA 94025-4345  
T 650.325.5800  
F 650.325.6606

Toei Nishi Shimbashi Bldg. 4F  
13-5 Nishi Shimbashi 1-Chome  
Minato-Ku, Tokyo 105-0003  
Japan

T 03.3503.3760  
F 03.3503.3756

[www.sughrue.com](http://www.sughrue.com)

February 7, 2002

BOX PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

Re: Application of Shinya WATANABE, Hiroyuki KATO  
SEMICONDUCTOR CHIP HAVING AN ARRAYED WAVEGUIDE GRATING AND  
METHOD OF MANUFACTURING THE SEMICONDUCTOR CHIP AND MODULE  
CONTAINING THE SEMICONDUCTOR CHIP  
Assignee: NEC CORPORATION  
Our Ref. Q67357

02/07/02  
JC879 U.S. PTO

Dear Sir:

Attached hereto is the application identified above comprising 28 sheets of the specification, including the claims and abstract, 10 sheets of formal drawings, executed Assignment and PTO 1595 form, and executed Declaration and Power of Attorney.

The Government filing fee is calculated as follows:

Total claims	<u>36</u>	-	<u>20</u>	=	<u>16</u>	x	\$18.00	=	<u>\$288.00</u>
Independent claims	<u>6</u>	-	<u>3</u>	=	<u>3</u>	x	\$84.00	=	<u>\$252.00</u>
Base Fee									<u>\$740.00</u>
<b>TOTAL FILING FEE</b>								<b>\$1280.00</b>	
Recordation of Assignment								<b>\$40.00</b>	
<b>TOTAL FEE</b>								<b><u>\$1320.00</u></b>	

Checks for the statutory filing fee of \$1280.00 and Assignment recordation fee of \$40.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.

Priority is claimed from:

<u>Country</u>	<u>Application No</u>	<u>Filing Date</u>
Japan	2001-046663	February 22, 2001

The priority document is enclosed herewith.

Respectfully submitted,  
SUGHRUE MION, PLLC

Attorneys for Applicant

By: J. Frank Osha  
J. Frank Osha  
Registration No. 24,625